

DEHS Forensic Laboratory

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To: Chief Arson Investigator, DEFD

From: DEHS Forensic Laboratory, Chemistry Section

CC: SAC, ATF, Philadelphia

Date: 2/24/2012

Re: Case# 20111207001

As requested, an examination of specimens Q2 to Q5 was conducted by this laboratory on 22 February 2012. Examination of specimen Q-1 revealed a colorless, clear liquid of low viscosity. Specimens Q2 through Q5 have very similar characteristics to Q1. An evaporation rate test was conducted on specimens Q1 through Q5. Results of the evaporation test indicate that specimens Q1 and QX are the same.

Specimen(s)	Compound(s)	Technique(s)
Q1	Organic	Organoleptic
Q1	Clear liquid	Visual Inspection
Q1	Clear liquid	Evaporation rate
Q2	Organic	Organoleptic
Q2	Clear liquid	Evaporation rate
Q3	Organic	Organoleptic
Q3	Clear liquid	Evaporation rate
Q4	Organic	Organoleptic
Q4	Clear liquid	Evaporation rate
Q5	Organic	Organoleptic
Q5	Clear liquid	Evaporation rate